



EIBIR Winter School on Interdisciplinary Biomedical Imaging January 17 – 22, 2010

The main objective of the EIBIR Winter School is to support the interdisciplinary training of technical and clinical PhD students working in the broad area of biomedical imaging.

In this first EIBIR Winter School on Interdisciplinary Biomedical Imaging, two key clinical disease areas will be addressed which altogether represent the two leading causes of death worldwide: **cardiovascular and oncologic diseases**. Each topic will be covered from the perspective of novel methods for biomedical image acquisition, analysis and interpretation as well as from the perspective of computational modeling and interventional planning, where appropriate. The themes will be explored based on the key driving clinical questions as well as from an understanding of the underlying disease mechanisms or pathophysiology. The faculty will include lecturers with a clinical, biomedical and technical background, from both academia and industry.

Reading groups, poster sessions and social activities will be offered.

Target Group

Second- and third-year students pursuing their graduate studies within PhD programs of biomedical engineering, computer science, electrical engineering, physics, medical physics, and medicine. Participants should have a basic understanding of biomedical imaging in terms of acquisition and image analysis and interpretation. Possibility to earn CME credits!

Location

Viladrau/Spain, about 70km from Barcelona, located within the Montseny Natural Park

Application

Via email to office@eibir.org, including:

- *Curriculum Vitae* including contact details of two referees and current main supervisor
- *Letter of intention*

Number of participants admitted: 45 PhD students;

Notification of selected candidates: Before November 15th 2009

Participation fees

EUR 645,- (twin room)

EUR 795,- (single room)

Including attendance of the course, full board accommodation, bus from Barcelona to Viladrau and back, all social activities. Payment of registration fees before December 1st, 2009.

More information and preliminary programme available at www.eibir.org